

REMARKS/ARGUMENTS

In view of the foregoing amendments and the following remarks, the applicant respectfully submits that the pending claims comply with 35 U.S.C. § 112, are not anticipated under 35 U.S.C. § 102 and are not rendered obvious under 35 U.S.C. § 103. Accordingly, it is believed that this application is in condition for allowance. If, however, the Examiner believes that there are any unresolved issues, or believes that some or all of the claims are not in condition for allowance, the applicant respectfully requests that the Examiner contact the undersigned to schedule a telephone Examiner Interview before any further actions on the merits.

The applicant will now address each of the issues raised in the outstanding Office Action.

Objections

Claims 16, 18-21 and 26-31 are objected to as being dependent upon a canceled base claim. Claims 16, 18 and 29-31 have been canceled. Each of the remaining claims have been amended to recite its proper dependency.

Rejections under 35 U.S.C. § 112, first paragraph

Claim 25 stands rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Since claim 25 has been canceled, this ground of rejection is rendered moot.

Rejections under 35 U.S.C. § 112, second paragraph

Claims 16-31 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The applicant respectfully requests that the Examiner reconsider and withdraw this ground of rejection in view of the following.

First, since claims 16, 18, 22, 24, 25 and 29-31 have been canceled, this ground of rejection is rendered moot with respect to these claims.

The remaining claims have been amended based on the Examiner's helpful comments. The "one frame" recitation has been deleted from the claims. The correction of claim dependencies resolved many of the antecedent basis problems. The applicant respectfully submits that these claims now comply with 35 U.S.C. § 112, paragraph 2.

Rejections under 35 U.S.C. § 102

Claims 15, 17 and 22-24 stand rejected under 35 U.S.C. § 102 (e) as being anticipated by US Patent No. 5,956,000 ("the Kreitman patent"). The applicant respectfully requests that the Examiner reconsider and withdraw this ground of rejection in view of the following.

First, since claims 22 and 24 have been canceled, this ground of rejection is rendered moot with respect to these claims.

Second, claim 15 has been amended to recite image data conversion means for converting input color image

data into partial color image data on the basis of gray scale correction data and color conversion matrix data of each of a plurality of partial color image display means. The Kreitman patent does not teach this feature.

The Kreitman patent modulates the intensities of overlapping portions of image portions of an entire image by controlling the intensities of the basic projection units to ensure that the amount of light received by the large format projection screen is uniform. (See, e.g., column 4, lines 26-30.) The Kreitman patent also compensates for misalignments by using a translation and scaling transformation and a rotation transformation. (See, e.g., column 7, lines 1-5.) These transformations are based on manual user input, via a joystick, to align images. (See, e.g., column 6, lines 11-43.) Thus, the Kreitman patent does not teach image data conversion means for converting input color image data into partial color image data on the basis of gray scale correction data and color conversion matrix data of each of a plurality of partial color image display means. Accordingly, claim 15 is not anticipated by the Kreitman patent for at least this reason.

Claim 17 has been amended to include the subject matter of canceled claim 18. Claim 18 was not subject to an art-based rejection. Thus, claim 17 is now in condition for allowance.

Independent claim 23, as amended, recites that the image data conversion is based on nonuniformity correction coefficient data that changes in units of pixel positions and RGB primary colors. The Kreitman patent does not teach this feature.

To reiterate, the Kreitman patent modulates the intensities of overlapping portions of image portions of an entire image by controlling the intensities of the basic projection units to ensure that the amount of light received by the large format projection screen is uniform. The Kreitman patent also compensates for misalignments by using a translation and scaling transformation and a rotation transformation. These transformations are based on manual user input, via a joystick, to align images. Thus, the Kreitman patent does not teach that the image data conversion is based on nonuniformity correction coefficient data that changes in units of pixel positions and RGB primary colors. Since the Kreitman patent does not teach this feature, claim 23 is not anticipated by the Kreitman patent for at least this reason.

Rejections under 35 U.S.C. § 103

Claim 25 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over the Kreitman patent in view of the Katayama patent. Since claim 25 has been canceled, this ground of rejection is rendered moot.

New claims

New claims 32-35 depend from claim 15 and further define the claimed invention over the cited art.

New claim 36 depends from claim 17 and further defines the claimed invention over the cited art.

New claims 37-39 depend from claim 23 and further define the claimed invention over the cited art.

Conclusion

In view of the foregoing amendments and remarks, the applicant respectfully submits that the pending claims are in condition for allowance. Accordingly, the applicants request that the Examiner pass this application to issue.

Respectfully submitted,

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John C. Pokotylo
John C. Pokotylo, Attorney
Reg. No. 36,242
Tel.: (732) 542-9070

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April 3, 2006

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